

CLAIMS:

1. A security substrate comprising a substrate and at least two elongate security elements each having a width of less than or equal to 6mm, said security elements being at least partially embedded within the substrate and running substantially parallel to each other with a gap therebetween of no greater than 10mm, wherein the total cross-directional width of a zone occupied by the two security elements and the gap is less than or equal to 18mm.

2. A security substrate as claimed in claim 1 in which the security elements each have a width of less than or equal to 4mm.

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3. A security substrate as claimed in claim 2 in which the security elements each have a width of less than or equal to 2mm.

4. A security substrate as claimed in any one of the preceding claims in which the width of the zone is less than or equal to 14mm.

5. A security substrate as claimed in any one of the preceding claims in which the gap is greater than or equal to 1mm.

6. A security substrate as claimed in claim 5 in which the gap is greater than or equal to 2mm.

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7. A security substrate as claimed in any one of the preceding claims in which the security elements have identical security features.

5 8. A security substrate as claimed in any one of claims 1 to 6 in which the security elements have different security features.

10 9. A security substrate as claimed in any one of the preceding claims wherein the parallel security elements wander from a linear path in the substrate cross-direction, and the cross-directional width of said occupied zone includes the amplitude of wander.

15 10. A security substrate as claimed in any one of the preceding claims in which one or both security elements are wholly embedded within the substrate.

20 11. A security substrate as claimed in any one of the preceding claims in which one or both of the security elements are exposed at windows in at least one surface of the substrate, or in at least one hole or aperture through the substrate.

25 12. A security substrate as claimed in claim 11 wherein both security elements are exposed at the same windows, hole(s) or aperture(s).

30 13. A security substrate as claimed in claim 11 wherein each security element is exposed at separate windows,

hole(s) or aperture(s) to those at which the other security element is exposed.

14. A security substrate as claimed claim 13 in which the windows, hole(s) or aperture(s) at which one security element is exposed are in register with the windows, hole(s) or aperture(s) at which the other security element is exposed.

15. A security substrate as claimed claim 13 in which the windows, hole(s) or aperture(s) at which one security element is exposed are not in register with the windows, hole(s) or aperture(s) at which the other security element is exposed.

16. A security substrate as claimed in any one of the preceding claims in which each security element is provided with at least one security feature which is registered with at least one security feature on the other security element.

17. A security substrate as claimed in any one of the preceding claims in which each security element is provided with at least one security feature which is registered with at least one security feature on the substrate.

18. A security article made from the security substrate of any one of the preceding claims, such as a banknote, passport, certificate or other document of value.

19. A security substrate as claimed in any one of claims 1 to 18 in which the substrate is plastic.

20. A security substrate as claimed in claim 20 in which the substrate is a filmic plastic.

5 21. A security substrate as claimed in any one of claims 1 to 18 in which the substrate is a mix of paper and plastic fibres.

22. A security substrate as claimed in any one of the
10 preceding claims in which the substrate is paper.

23. A security substrate substantially as hereinbefore described with reference to or shown in the accompanying drawings.